



PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

ROGER HARQUAIL FRENCH ET. AL.

CASE NO.: CL2037USCIP

APPLICATION NO.: 10/632643

CONFIRMATION NO.: 5850

GROUP ART UNIT: 1772

EXAMINER:

FILED: AUGUST 01, 2003

FOR: RADIATION DURABLE ORGANIC COMPOUNDS WITH HIGH TRANSPARENCY  
AT 157 NM, AND METHOD FOR PREPARING

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

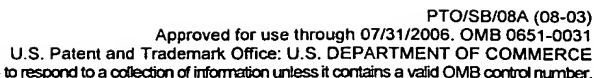
Respectfully submitted,

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Dated: \_\_\_\_\_

6/11/04

Enclosures



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| Sheet | 1 | of | 3 |
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| Application Number     | 10/632643             |
| Filing Date            | August 01, 2003       |
| First Named Inventor   | ROGER HARQUAIL FRENCH |
| Group Art Unit         | 1772                  |
| Examiner Name          |                       |
| Attorney Docket Number | CL2037USCIP           |

## U.S. PATENT DOCUMENTS

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|------------------------|--------------------------|---|--------------------------|
|                        |                          | M. Switkes, et al., "Immersion Liquids for Lithography in the Deep Ultraviolet", Optical Microlithography, Proceedings of SPIE, Volume 5040, (2003) pages 690-699, Massachusetts  | <input type="checkbox"/> |
|                        |                          | Ray, Suprakas, et al., "Biodegradable Polylactide/Montmorillonite Nanocomposites", J. Nonosci. Nanotech, Volume 3, No. 6, (2003), Japan   | <input type="checkbox"/> |
|                        |                          | Switkes, M., et al., "Resolution Enhancement of 157 nm Lithography by Liquid Immersion", Optical Microlithography, Proceedings of SPIE, Volume 4691, (2002) pages 459-465, Massachusetts  | <input type="checkbox"/> |
|                        |                          | A.C. Fozza, et al., "Vacuum Ultraviolet Irradiation of Polymers", Plasmas and Polymers, Vol. 4, No. 2/3, (1999) pages 183-206, Canada   | <input type="checkbox"/> |
|                        |                          | M. Switkes, et al., "Immersion lithography: Beyond the 65nm node with optics", Microlithography World, pages 4-20, Massachusetts  | <input type="checkbox"/> |
|                        |                          | J. Schiers, Perfluoropolyethers, page 441   | <input type="checkbox"/> |
|                        |                          | Chemical Abstracts, 23-Aliphatic Compounds, Vol. 127, (1997), page 633  | <input type="checkbox"/> |
|                        |                          | Reactions of Organic Fluorine Compounds, pages 174-175  | <input type="checkbox"/> |
|                        |                          | G. Belanger, et al., "Chemical Physics Letters", Volume 3, No. 8, (1969) pages 649-651, Canada  | <input type="checkbox"/> |
|                        |                          | Ichinose, Nobuyuki, et al., "Communications to the Editor", Macromolecules 1996, Vol. 29, pages 4155-4157, Neyagawa   | <input type="checkbox"/> |
|                        |                          | Lombos, B.A., "The Electronic Spectra of Normal Paraffin Hydrocarbons", Chemical Physics Letters, (1967), pages 42-43, Canada   | <input type="checkbox"/> |

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|                        |                          | M. Switkes, et al., "Immersion lithography at 157 nm", J.Vac. Sci. Technol. B, Volume 19, No. 6, (2001), pages 2353-2356, Massachusetts   | <input type="checkbox"/> |
|                        |                          | M. Hudlicky, et al., "Hydrogenolysis of Carbon-Fluorine Bonds in Catalytic Hydrogenation", Journal of Fluorine Chemistry, Vol. 14 (1979), pages 189-199, Virginia   | <input type="checkbox"/> |
|                        |                          | V.N. Vasilets, et al., "Photolysis of a Fluorinated Polymer Film by Vacuum Ultraviolet Radiation", Journal of Polymer Science, Vol. 36, (1997) pages 2215-2222, Japan   | <input type="checkbox"/> |
|                        |                          | Seki, Kazuhiko, et al., "Electronic Structure of Poly(tetrafluorethylene) Studied by UPS, VUV Absorption, and Band Calculations", Physica Scripta, Vol. 41, (1989) pages 167-171, Japan   | <input type="checkbox"/> |
|                        |                          | B.B. Lepehort, et al., page 80-83   | <input type="checkbox"/> |
|                        |                          | Scheirs, John, et al., "Perfluoropolyethers (Synthesis, Characterization and Applications", Modern Fluoropolymers, (1997), pages 434-485  | <input type="checkbox"/> |
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